

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND SYSTEM FOR AUTOMATED  
TESTING OF NETWORK ELEMENTS**

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to that Customer Number.


Customer Number: **028005**

Principal attorney or agent: Steven J. Funk

Telephone number: 913-624-6828

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Joshua Ryan Zerlan

Inventor's signature:  Date: 2 APR 01

Residence: 18400 Juniper Terrace, Gardner, Kansas

Citizenship: United States of America

Post Office Address: 18400 Juniper Terrace, Gardner, KS 66030

Full name of second joint inventor: Wei Kao

*Signature on behalf of non-signing joint inventor who cannot be reached:*

For Wei Kao:  Date: 2 APR 01

Residence: 2357 Ridge Ct., Apartment 66, Lawrence, Kansas

Citizenship: United States of America

Post Office Address: 2357 Ridge Ct., Apartment 66, Lawrence, KS 66046

MCDONNELL BOEHNEN HULBERT & BERGHOFF

**MBHB**

EDWARD RUNYAN  
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February 27, 2001

**VIA COURIER**

Mr. Wei Kao  
2357 Ridge Ct.  
Apartment 66  
Lawrence, Kansas 66046

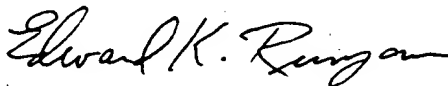
Re: U.S. Patent Application  
Sprint Spectrum L.P.  
Inventor(s): Joshua Zerlan and Wei Kao  
Sprint Docket No. 1551

Dear Mr. Kao:

Enclosed are (1) a Declaration and Power of Attorney and (2) an Assignment for the above-identified patent application.

Kindly have the inventors sign and date these documents where indicated. The Assignment document must be signed before and executed by a Notary Public. Please return the executed documents to me by **March 6, 2001**.

Very truly yours,



Edward K. Runyan

SJS:nbo  
Enclosures

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND SYSTEM FOR AUTOMATED  
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Customer Number: **028005**

Principal attorney or agent: Steven J. Funk

Telephone number: 913-624-6828

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Joshua Ryan Zerlan

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 18400 Juniper Terrace, Gardner, Kansas  
Citizenship: United States of America  
Post Office Address: 18400 Juniper Terrace, Gardner, KS 66030

Full name of second joint inventor: Wei Kao

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 2357 Ridge Ct., Apartment 66, Lawrence, Kansas  
Citizenship: United States of America  
Post Office Address: 2357 Ridge Ct., Apartment 66, Lawrence, KS 66046

**ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR  
LETTERS PATENT OF THE UNITED STATES OF AMERICA**

I hereby declare that I am the sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the invention relating to "Method and System for Automated Testing of Network Elements" described in an application for Letters Patent of the United States of America executed by me on even date with my execution of this Assignment.

For valuable consideration received, I hereby sell, assign and transfer to Sprint Spectrum L.P., a limited partnership duly organized and existing under the laws of the State of Delaware, United States of America, its successors and assigns, my entire right, title and interest, for all countries in and to said inventions and all the rights and privileges under any and all Letters Patent that may be granted therefore, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said limited partnership but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said limited partnership, its successors, assigns or nominees.

I agree that I will communicate to said limited partnership or its representatives any facts known to me respecting said inventions and when requested by said limited partnership and at its expense will testify in any legal proceedings, and generally do everything possible to aid said limited partnership, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said limited partnership, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my or our name, in any and all countries to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said limited partnership or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with Sprint Spectrum L.P., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have the full right to convey the same as herein expressed.

This Agreement and Assignment supersedes all other assignments, agreements and addendums related to the above identified application.

After this Assignment has been recorded, please return it to :

Attn: Steven J. Funk  
Sprint Law Department  
8140 Ward Parkway  
Kansas City, Missouri 64114